Microprocessor and Microcontroller

Important 2mark questions

Unit I

1. Mention the use of ALE in 8085 microprocessor.
2. What are the interrupts available in 8085?
3. Why data bus is bi-directional?

Unit II

1. Classify the addressing modes of 8085 microprocessor.
2. Differentiate CALL instruction from JUMP instruction.
3. List different instruction formats.

Unit III

1. List any four Special Function register.
2. What are the addressing modes of 8051 microcontroller?
3. Name the interrupts of 8051 microcontroller.

Unit IV

1. What is the function of the DMA controller?
2. What are the modes of 8254 timer?
3. List some of the features of 8259 Programmable Interrupt controller.

Unit V

1. What is meant by bit oriented instructions?
2. What is the use of PSW?
3. Mention any four data transfer instructions of 8051 microcontroller.